

## 03040201-160

(Pee Dee River)

### General Description

Watershed 03040201-160 is located in Marion, Georgetown, Williamsburg, and Florence Counties and consists primarily of the **Pee Dee River** and its tributaries from the Lynches River to the Little Pee Dee River. The watershed occupies 97,818 acres of the Lower Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Yemassee-Yauhannah-Chastain-Tawcaw series. The erodibility of the soil (K) averages 0.18; the slope of the terrain averages 2%, with a range of 0-6%. Land use/land cover in the watershed includes: 41.9% forested land, 24.8% forested wetland, 19.3% agricultural land, 11.7% scrub/shrub land, 1.4% nonforested wetland, 0.8% water, and 0.1% urban land.

This section of the Pee Dee River accepts drainage from its upper reaches, together with Crooked Lake, Negro Lake Run (Maple Swamp), and Clark Creek (Muddy Creek, Mill Creek, Soccee Swamp, Island Branch, Cedar Branch). Apple Orchard Slough and Staple Lake connect Clark Creek to the river. Further downstream, the river accepts drainage from Jacobs Creek, Port Creek (Flat Run Swamp, Boser Swamp, Squirrel Run Bay, Pennyroyal Swamp, Bells Swamp, Tyler Creek), Larrimore Gully, Gravel Gully Branch, and Jordan Lake (Jordan Creek). Dog Lake and several unnamed oxbow lakes drain into the river. There are a total of 155.5 stream miles in this watershed and several ponds (totaling 201.2 acres), all classified FW with the exception of Clark Creek and Muddy Creek, which are classified FW\* (dissolved oxygen not less than 4.0 mg/l and pH between 5.0 and 8.5).

### Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-060	W	FW	PEE DEE RIVER AT PETERS FIELD LANDING OFF S-22-36

**Pee Dee River (PD-060)** - Aquatic life and recreational uses are fully supported.

*A fish consumption advisory has been issued by the Department for mercury and includes the Pee Dee River within this watershed (see advisory p.115).*

### NPDES Program

#### Active NPDES Facilities

<b>RECEIVING STREAM FACILITY NAME PERMITTED FLOW @ PIPE (MGD) COMMENT</b>	<b>NPDES# TYPE LIMITATION</b>
BOSER SWAMP GCSD/DEEP CREEK ELEM SCHOOL PIPE #: 001 FLOW: 0.009 WQL FOR DO,TRC,NH3N,BOD5	SC0039195 MINOR DOMESTIC WATER QUALITY

FLAT RUN SWAMP  
 GCSD/PLEASANT HILL HIGH SCHOOL  
 PIPE #: 001 FLOW: 0.018  
 WQL FOR DO,TRC,NH3N,BOD5

SC0039101  
 MINOR DOMESTIC  
 WATER QUALITY

MAPLE SWAMP  
 CAROLINA SAND INC.  
 PIPE #: 001 FLOW: M/R

SCG730043  
 MINOR INDUSTRIAL  
 EFFLUENT

CLARK CREEK  
 TOWN OF HEMINGWAY/WWTP  
 PIPE #: 001 FLOW: 0.45  
 WQL FOR DO,TRC,NH3N,BOD5

SC0039934  
 MINOR DOMESTIC  
 WATER QUALITY

## Nonpoint Source Management Program

### *Land Disposal Activities*

#### Landfill Facilities

**LANDFILL NAME**  
**FACILITY TYPE**

**PERMIT #**  
**STATUS**

TOWN OF HEMINGWAY DUMP  
 -----

-----  
 CLOSED

### *Mining Activities*

**MINING COMPANY**  
**MINE NAME**

**PERMIT #**  
**MINERAL**

CAROLINA SAND, INC.  
 NECK SAND MINE #2

0899-67  
 SAND

CAROLINA SAND, INC.  
 BRITTON'S NECK MINE

0725-67  
 SAND

## Water Supply

Portions of this watershed fall within the Waccamaw Capacity Use Area and large groundwater uses must be reported (see Capacity Use Program p.23).

**WATER USER (TYPE)**  
**STREAM**

**REGULATED CAPACITY (MGD)**  
**PUMPING CAPACITY (MGD)**

INTERNATIONAL PAPER, INC. (I)  
 PEE DEE RIVER

30.0  
 -----

CITY OF GEORGETOWN (M)  
 PEE DEE RIVER

6.0  
 12.0

## Growth Potential

There is a low potential for growth in this watershed, which contains the Town of Hemingway and the City of Johnsonville. Both municipalities contain water and sewer infrastructure, but outside of the area, the watershed is rural with primarily agricultural uses and timberlands.